

What is claimed is:

1. A cable extension wire comprising a plug, a cable wire connected with a rear end of the plug and provided with a connected socket, wherein an accommodating chamber is disposed at an end portion of the socket and insertion holes are provided at a bottom portion of the accommodating chamber; and
the characteristic being that, a connecting piece is provided at an outer edge of the accommodating chamber at a tube-shaped housing of the socket, and the other end of the connecting piece is provided with a cover; and one side of the cover is disposed with a protruding loop further having a circular groove at a root portion thereof, thereby pressing the protruding loop at one side of the cover into the accommodating chamber for preventing invasions of dust and moisture into the socket.
- 15 2. The cable extension wire in accordance with claim 1, wherein the plug and the socket are both tube-shaped housings.
3. The cable extension wire in accordance with claim 1, wherein the cover is provided with a circular groove at a root portion thereof.
4. The cable extension wire in accordance with claim 1, wherein the socket is transparent and further has a neon light at an interior thereof,

and the neon light is lit up when the plug is in good electric conductivity with a power supply.